

ABSTRACT OF THE DISCLOSURE

A method for laminating glass sheets wherein laminating film is placed over one surface of a first glass sheet and the film is heated with microwave radiation to a bonding temperature. Heated areas of the film are successively pressed to the glass sheet in a continuous manner for purging air from between the film and the first glass sheet and for applying bonding pressure. The pressed film areas are then cooled whereby an appropriate bond is attained between the film and the first glass sheet. Thereafter the first glass sheet with its bonded film is subjected to a partial vacuum and a second glass sheet is positioned on the film and the second glass sheet is pressed to the film. The film is then reheated with microwave radiation to a bonding temperature and thereafter cooled whereby an appropriate bond is obtained between the film and the second glass sheet to provide a glass lamination.